

Sta No: 880627.1  
Acc No: 385045  
RH No: 2418

Logged [✓]

ANW ANE ASW ABE MED INW INE IBW IBC ISE  
INW INE IBW IBC ISE PNW PNE PBW PSE

Loc-0: NAD  
Loc-1: United States  
Loc-2: Florida  
Loc-3: A. Puercie  
Loc-4: 5-mile site

L/L: 27°30'00"N 080°17'00"W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm):

Zone-2: oceanic estuarine Depth (m):

S (ppt): T (C): Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: -30ml Pres: carosafe formalin alcohol

-60ml Pres: carosafe formalin alcohol

-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or C. Drew

Date: 27 JUN 19 88

Hab-1: sediment animal plant

Hab-2:

Ackn:

Raks: Tardigrada, cateria

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other:

Sta No: 880629.1  
Acc No: 385045  
RH No: 2419

Logged [☒]

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: NAD  
Loc-1: US  
Loc-2: FLA  
Loc-3: FL. P.  
Loc-4: 5 mile site

L/L: 27° 30' 00" N 080° 17' 00" W

Gear: meio-dredge grab box-corer core other  
Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_  
Zone-2: oceanic estuarine Depth (m): \_\_\_\_\_  
S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol  
Proc: bubble decant fw-shock narc unprocessed  
Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol  
\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol  
\_\_\_\_\_ -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or C. Drew  
Date: 27 JUN 1988  
Hab-1: sediment animal plant  
Hab-2: \_\_\_\_\_

Ackn: \_\_\_\_\_

Rmks: Semnoderes, Sipuncula  
Entoprocta, Aplousobranchia  
Gastropoda, Cumacea

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Semnoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] Undetermined [ ] Other: \_\_\_\_\_



Sta No: 890605.1  
Acc No: 385045  
RH No: 2420

Logged [✓]

20

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: NAD  
Loc-1: USA  
Loc-2: FLA  
Loc-3: Ft. Pierce  
Loc-4: 20-mile site

L/L: A A AA A A

Gear: meio-dredge grab box-corer core other  
Zone-1: subtidal intertidal Horiz (cm):  
Zone-2: oceanic estuarine Depth (m):  
S (ppt): T (C): Fix: formalin alcohol  
Proc: bubble decant fw-shock narc unprocessed  
Lots: -30ml Pres: carosafe formalin alcohol  
-60ml Pres: carosafe formalin alcohol  
-vial Pres: carosafe formalin alcohol  
Col: R. Higgins and/or Pardos, S. Chullasom  
Date: 05 JUN 1989  
Hab-1: sediment animal plant  
Hab-2:

Ackn:  
Rmks: Kinohysha

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other:

Sta No: 890605.3  
Acc No: 385045  
RH No: 2421

Logged [☒]

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: N/A  
Loc-1: USA  
Loc-2: FLA  
Loc-3: FL Perce  
Loc-4: 5-mile site

L/L: 27°30'00"N 080°17'00"W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): \_\_\_\_\_

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

2-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or F. Pardo S. Chulleson

Date: 05 JUN 1989

Hab-1: sediment animal plant

Hab-2: \_\_\_\_\_

Ackn: \_\_\_\_\_

Reks: Kinetosyncha, Cumacea

Obs: [☐] Gymnoderes [☐] Echinoderes [☐] Condyloderes  
[☐] Centroderes [☐] Sennoderes [☐] Sphenoderes  
[☐] Cateria [☐] Zelinkaderes [☐] Paracentrophyes  
[☐] Neocentrophyes [☐] Pycnophyes [☐] Kinorhynchus  
[☐] undetermined [☐] other:



Sta No: 890607.2

Logged [✓]

Acc No: 385045

RH No: 2422

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: NAO

Loc-1: USA

Loc-2: FLA

Loc-3: Peanut Island, Lake Worth, FL

Loc-4: S. Side of Peanut Island

L/L: 26° 47' N - 80° 02' W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm):

Zone-2: oceanic estuarine Depth (m):

S (ppt): T (C): Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: -30ml Pres: carosafe formalin alcohol

-60ml Pres: carosafe formalin alcohol

2-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or F. Pardo, S. Chullasun

Date: 07 JUN 1989

Hab-1: sediment animal plant

Hab-2:

Ackn:

Rmks: Kinorhyncha

Gastropoda

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes

[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes

[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes

[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus

[ ] undetermined [ ] other:

Sta No: \_\_\_\_\_  
Acc No: 383147  
RH No: 2423

Logged [☒]

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: North Pacific Ocean  
Loc-1: Japan  
Loc-2: Ryukyu Islands  
Loc-3: Okinawa, Minna Jima  
Loc-4: Central Lagoon Island -  
near Motobu peninsula

L/L:        ^        ^        ^^        ^        ^

Gear: meio-dredge grab box-corer core other <sup>Bucket</sup>  
Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_  
Zone-2: oceanic estuarine Depth (m): \_\_\_\_\_  
S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol  
Proc: bubble decant fw-shock narc unprocessed  
Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol  
             -60ml Pres: carosafe formalin alcohol  
             -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or M. Grygiel  
Date: 06 JUN 1989  
Hab-1: sediment animal plant  
Hab-2: muddy-sand flat

Ackn: \_\_\_\_\_  
Rmks: Low-tide, barely  
submerged

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_



Sta No: 89 07 03 . 1 --

Logged [☒]

Acc No: 386523

RH No: 2424

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: N. P. O.

Loc-1: US

Loc-2: Alaska

Loc-3: Juneau Alaska, Auke Bay

Loc-4: Auke Bay

L/L: 58 ^ 22 ^ 1 1 N ^ 13 4 ^ 40 ^ 4 0 W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm):

Zone-2: oceanic estuarine Depth (m): 50

S (ppt): T (C): Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: -30ml Pres: carosafe formalin alcohol

-60ml Pres: carosafe formalin alcohol

1-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or

Date: 03 ^ JUL ^ 19 89

Hab-1: sediment animal plant

Hab-2: brown mud

Ackn: Don Erickson (R/V MAYBES) Tom Shirley, John Flegger

Rmks: Lynnette McNutt

Obs: [ ] Gymnoderes [X] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other:

4

.67

6

40.2

40.2



Sta No: 890703.5

Logged [☒]

Acc No: 386523

RH No: 2425

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: N P O

Loc-1: 05

Loc-2: Alaska

Loc-3:

Loc-4: near Shirley Island

L/L: 58 <sup>42</sup> 21 <sup>70</sup> N <sup>134</sup> 4 <sup>30</sup> 1 <sup>W</sup>

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm)

Zone-2: oceanic estuarine Depth (m)

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or \_\_\_\_\_

Date: 03 <sup>JUL</sup> 19 59

Hab-1: sediment animal plant

Hab-2: shell hash w/ rock

Ackn: see 890703.1

Remarks: meiodredge damaged on rock,  
sample volume ~ 2 liters only

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other:

Keith weiland

Sue McGregor



Sta No: 890707.1, 2, 4 Logged [ ]

Acc No: 386523

RH No: 2426

(Change  
overalls)

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: NPO, Gulf of Alaska

Loc-1: US

Loc-2: Gulf of Alaska

Loc-3: Yakutat Bay

Loc-4: Monti Bay, Yakutat AK

L/L:

A

A

AA

A

A

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm):

Zone-2: oceanic estuarine Depth (m): 50

S (ppt): T (C): Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1 -30ml Pres: carosafe formalin alcohol

-60ml Pres: carosafe formalin alcohol

-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or

Date: 07 ^ JUL ^ 19 87

Hab-1: sediment animal plant

Hab-2: brown mud

Ackn: Keith Weiland, Sue McGregor

Rmks:

Obs: [ ] Gymnoderes [X] Echinoderes [ ] Condyloderes

[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes

[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes

[ ] Neocentrophyes [X] Pycnophyes [X] Kinorhynchus

[ ] undetermined [ ] other:

Sta No: 890708 . 1

Logged [☒]

Acc No: 386523

RH No: 2427

ANW ANE ASW ABE MED INW INE IBW IBC ISE

INW INE IBW IBC ISE PNW PNE PBW PBE

Loc-0: NPO, G-2 A

Loc-1: VS

Loc-2: Gulf of Alaska

Loc-3: Yakutat Bay

Loc-4: Shaw Cove, Yakutat AK

L/L: ^ ^ AA ^ ^

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm):

Zone-2: oceanic estuarine Depth (m): 4

S (ppt): T (C): Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: X-30ml Pres: carosafe formalin alcohol

      -60ml Pres: carosafe formalin alcohol

1-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or

Date: 08 JUL 1982

Hab-1: sediment animal plant H2S

Hab-2: brown mud with some hydrogen sulfide

Ackn: see 890707.1

Rmks: poor sample, bay shallow and isolated  
at low tide, few meiofauna, many diatoms.  
very thin oxidized layer

Obs: [ ] Gymnoderes [X] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynch--  
[ ] undetermined [ ] other:



Sta No: 890708.2  
Acc No: 386523  
RH No: 2428

Logged [✓]

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_  
Loc-1: \_\_\_\_\_  
Loc-2: Gulf of Alaska  
Loc-3: Yakutat Bay  
Loc-4: E of Gilbert Spit, N. of Crab Island

L/L:        ^        ^        ^^        ^        ^

Gear: meio-dredge grab box-corer core other  
Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_  
Zone-2: oceanic estuarine Depth (m): 30  
S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol  
Proc: bubble decant fw-shock narc unprocessed  
Lots: 1-30ml Pres: carosafe formalin alcohol  
      -60ml Pres: carosafe formalin alcohol  
      -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or

Date: 08<sup>th</sup> JUL<sup>th</sup> 1989

Hab-1: sediment animal plant

Hab-2: brown mud

Ackn: see 890707.1

Rmks: gastrolith in same vial

Obs: [ ] Gymnoderes [X] Echinoderes [X] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [X] Pycnophyes [X] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_

Sta No: 890708.3  
Acc No: 386523  
RH No: 2429

Logged [☒]

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_  
Loc-1: \_\_\_\_\_  
Loc-2: Gulf of Alaska  
Loc-3: Yakutat Bay  
Loc-4: Ahduck Bay

L/L:            ^            ^            AA            ^            ^

Gear: meio-dredge grab box-corer core other  
Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_  
Zone-2: oceanic estuarine Depth (m): 30  
S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol  
Proc: bubble decant fw-shock narc unprocessed  
Lots: 1-30ml Pres: carosafe formalin alcohol  
      \_\_\_\_\_-60ml Pres: carosafe formalin alcohol  
      \_\_\_\_\_-vial Pres: carosafe formalin alcohol  
Col: R. Higgins and/or \_\_\_\_\_  
Date: 08 ^ JUL ^ 19 89  
Hab-1: sediment animal plant  
Hab-2: brown mud

Ackn: see 890707.1  
Rmks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Obs: [ ] Gymnoderes [☒] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [☒] Pycnophyes [☒] Kinorhynchus  
[ ] undetermined [ ] other:



Sta No: 890708.4  
Acc No: 386523  
RH No: 2430

Logged [✓]

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_  
Loc-1: \_\_\_\_\_  
Loc-2: Gulf of Alaska  
Loc-3: Yukatak Bay  
Loc-4: Deep Bay Yukatak AL

L/L: A A AA A A

Gear: meio-dredge grab box-corer core other  
Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_  
Zone-2: oceanic estuarine Depth (m): 25  
S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol  
Proc: bubble decant fw-shock narc unprocessed  
Lots: -30ml Pres: carosafe formalin alcohol  
      -60ml Pres: carosafe formalin alcohol  
      -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or  
Date: 08 JUL 1989  
Hab-1: sediment animal plant  
Hab-2: brown mud

Ackn: see 890707.1  
Rmks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_

Sta No: 890714 . 1  
Acc No: 386523  
RH No: 2431

Logged [✓]

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: WP  
Loc-1: Canada  
Loc-2: British Columbia  
Loc-3: Johnstone Strait  
Loc-4: Blenkinsop Bay

L/L: 50 ^ 28 ^ 08 11 ^ 126 ^ 00 ^ 05 W

Gear: meio-dredge grab box-corer core other  
Zone-1: subtidal intertidal Horiz (cm):  
Zone-2: oceanic estuarine Depth (m): 13  
S (ppt): T (C): Fix: formalin alcohol  
Proc: bubble decant fw-shock narc unprocessed  
Lots: 1-30ml Pres: carosafe formalin alcohol  
1-60ml Pres: carosafe formalin alcohol  
-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or  
Date: 14 ^ JUL ^ 19 89  
Hab-1: sediment animal plant  
Hab-2: brown organic mud w/ sand

Ackn: Lew Halderson and Tom Shirley  
Rmks:

Obs: [ ] Gymnoderes [✓] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other:



Sta No: 890715.1  
Acc No: 386523  
RH No: 2432

Logged [✓]

ANW ANE ASW ABE MED INW INE IBW IBC ISE  
INW INE IBW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_  
Loc-1: \_\_\_\_\_  
Loc-2: DL  
Loc-3: Queen Charlotte Strait  
Loc-4: Sointula Harbor

L/L:        A        A        AA        A        A

Gear: meio-dredge grab box-corer core other  
Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_  
Zone-2: oceanic estuarine Depth (m): 5  
S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol  
Proc: bubble decant fw-shock narc unprocessed  
Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol  
         2 -60ml Pres: carosafe formalin alcohol  
         \_\_\_\_\_ -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or \_\_\_\_\_  
Date: 15 ^ JUL ^ 19 89  
Hab-1: sediment animal plant  
Hab-2: silty med-fine sand

Ackn: See 890714.1  
Rmks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_

Sta No: 89 07 16 . 1

Logged [☒]

Acc No: 386523

RH No: 2433

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: Cambell Island - BC

Loc-3: Bella Bella (BC CANADA)

Loc-4: Swg Saunders Island

L/L: 52 ^ 10 ^ 30 N ^ 128 ^ 08 ^ 30 N

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 20

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol

1 -60ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or \_\_\_\_\_

Date: 16 ^ JUL ^ 1989

Hab-1: sediment animal plant

Hab-2: rocky w/sand + silt

Ackn: see 890714/1

Refs: \_\_\_\_\_

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_



Sta No: 890717.1

Logged [☒]

Acc No: 286523

RH No: 2434

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: Between Price and Smead Island, BC

Loc-4: Higgins Passage

L/L: 52°28'50"N 129°44'30"W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 10

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1 -30ml Pres: carosafe formalin alcohol

1 -60ml Pres: carosafe formalin alcohol

-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or \_\_\_\_\_

Date: 17 ^ JUL ^ 1989

Hab-1: sediment animal plant

Hab-2: yellow brown (tannin) organic + silt

Ackn: See 890714.1

Remarks: looked like Cystis (water dark tea color)

Obs: [☐] Gymnoderes [☐] Echinoderes [☐] Condyloderes  
[☐] Centroderes [☐] Sennoderes [☐] Sphenoderes  
[☐] Cateria [☐] Zelinkaderes [☐] Paracentrophyes  
[☐] Neocentrophyes [☐] Pycnophyes [☐] Kinorhynchus  
[☐] undetermined [☐] other: \_\_\_\_\_

Sta No: 890717.2  
Acc No: 386523  
RH No: 2435

Logged [☒]

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_  
Loc-1: \_\_\_\_\_  
Loc-2: BU  
Loc-3: Between Price Island and Sumdick Is, BC  
Loc-4: Higgins Passage

L/L: 52°28'48"N 129°45'48"W

Gear: meio-dredge grab box-corer core other  
Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_  
Zone-2: oceanic estuarine Depth (m): 10  
S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol  
Proc: bubble decant fw-shock narc unprocessed  
Lots: 1 -30ml Pres: carosafe formalin alcohol  
2 -60ml Pres: carosafe formalin alcohol  
-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or \_\_\_\_\_  
Date: 17 JUL 1989  
Hab-1: sediment animal plant  
Hab-2: coarse sand, shell-grab w/silt

Ackn: see 890714.1  
Rmks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_



Sta No: 890717.3  
Acc No: 386523  
RH No: 2436

Logged [☒]

ANW ANE ASW ASE NED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_  
Loc-1: \_\_\_\_\_  
Loc-2: \_\_\_\_\_  
Loc-3: Principe channel, Pitt Island  
Loc-4: Buchan Inlet

L/L: 53 ^ 22 ^ 30 N ^ 129 ^ 46 ^ 00 W

Gear: meio-dredge grab box-corer core other  
Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_  
Zone-2: oceanic estuarine Depth (m): 30  
S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol  
Proc: bubble decant fw-shock narc unprocessed  
Lots: -30ml Pres: carosafe formalin alcohol  
      -60ml Pres: carosafe formalin alcohol  
      -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or \_\_\_\_\_  
Date: 17 ^ JUL ^ 1989  
Hab-1: sediment animal plant  
Hab-2: sand w/ organic (tannin) floc

Ackn: see 890714.1  
Roks: \_\_\_\_\_

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_

Sta No: 890719.1

Logged [☒]

Acc No: 386523

RH No: 2437

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: Dundas Island BC

Loc-4: Brundage Inlet

L/L: 54°36'18"N 130°52'00"W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 15

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1-30ml Pres: carosafe formalin alcohol

2-60ml Pres: carosafe formalin alcohol

-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or \_\_\_\_\_

Date: 18 JUL 19 87

Hab-1: sediment animal plant

Hab-2: brown mud w/ sand

Ackn: see 890714.1

Rmks: \_\_\_\_\_

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_



Sta No: 890719.2

Logged [☒]

Acc No: 386523

RH No: 2438

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: Ketchikan AK

Loc-4: Blank Inlet

L/L: 55 ^ 17 ^ 00 N ^^ 139 ^ 39 ^ 00 W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 15

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: -30ml Pres: carosafe formalin alcohol

1 -60ml Pres: carosafe formalin alcohol

-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or \_\_\_\_\_

Date: 18 JUL 1989

Hab-1: sediment animal plant

Hab-2: shell gravel w/ sand/mud

Ackn: see 890714.1

Rnks: \_\_\_\_\_

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_

Sta No: 89 0719.3  
Acc No: 386523  
RH No: 2439

Logged [☒]

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_  
Loc-1: \_\_\_\_\_  
Loc-2: \_\_\_\_\_  
Loc-3: Ketchikan AK  
Loc-4: Blank inlet

L/L: 35 ^ 15 ^ 20 N ^ 139 ^ 39 ^ 20 W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 15

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1 -30ml Pres: carosafe formalin alcohol

1 -60ml Pres: carosafe formalin alcohol

1 -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or \_\_\_\_\_

Date: 18 ^ 30 ^ 1987

Hab-1: sediment animal plant

Hab-2: brown muddy sand

Ackn: see 890714.1

Rmks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Obs: [ ]Gymnoderes [ ]Echinoderes [ ]Condyloderes  
[ ]Centroderes [ ]Sennoderes [ ]Sphenoderes  
[ ]Cateria [ ]Zelinkaderes [ ]Paracentrophyes  
[ ]Neocentrophyes [ ]Pycnophyes [ ]Kinorhynchus  
[ ]undetermined [ ]other: \_\_\_\_\_



Sta No: 890720.1

Logged [☒]

Acc No: 386523

RH No: 2440

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: McHenry Anchorage

Loc-4: \_\_\_\_\_

L/L: 55°58' - N 131°36' 30 W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 20

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1-30ml Pres: carosafe formalin alcohol

1-60ml Pres: carosafe formalin alcohol

\_\_\_\_-vial Pres: carosafe formalin alcohol

Col: ~~R. Higgins~~ and/or T. Shirley

Date: \_\_\_\_ ^ \_\_\_\_ ^ 19 \_\_\_\_

Hab-1: sediment animal plant

Hab-2: Black mud

Ackn: \_\_\_\_\_

Refs: \_\_\_\_\_

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_

Sta No: 890722.1  
Acc No: 386523  
RH No: 2441

Logged [☒]

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_  
Loc-1: \_\_\_\_\_  
Loc-2: \_\_\_\_\_  
Loc-3: Beecher's Pass  
Loc-4: \_\_\_\_\_  
\_\_\_\_\_

L/L: 56°36'--N 132°58'--W

Gear: meio-dredge grab box-corer core other  
Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_  
Zone-2: oceanic estuarine Depth (m): 15  
S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol  
Proc: bubble decant fw-shock narc unprocessed  
Lots: 2-30ml Pres: carosafe formalin alcohol  
      \_\_\_\_-60ml Pres: carosafe formalin alcohol  
      \_\_\_\_-vial Pres: carosafe formalin alcohol  
Col: R. Higgins and/or T. Shurley  
Date: \_\_\_\_\_ ^ \_\_\_\_\_ ^ 19 \_\_\_\_\_  
Hab-1: sediment animal plant  
Hab-2: Shell Wash

Ackn: \_\_\_\_\_  
Rmks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Obs: [☐] Gymnoderes [☐] Echinoderes [☐] Condyloderes  
      [☐] Centroderes [☐] Sennoderes [☐] Sphenoderes  
      [☐] Cateria [☐] Zelinkaderes [☐] Paracentrophyes  
      [☐] Neocentrophyes [☐] Pycnophyes [☐] Kinorhynchus  
      [☐] undetermined [☐] other: \_\_\_\_\_



Sta No: 132-5A . - - -

Logged [☒]

Acc No: 386544

RH No: 2443

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: South Atlantic Ocean

Loc-1: Brazil

Loc-2: Pernambuco

Loc-3: Igarassu

Loc-4: Beach N. of Recife

L/L: ^ ^ ^^ ^ ^

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): 5

Zone-2: oceanic estuarine Depth (m):       

S (ppt):        T (C):        Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: -30ml Pres: carosafe formalin alcohol

-60ml Pres: carosafe formalin alcohol

-vial Pres: carosafe formalin alcohol

Col: ~~R. Higgins~~ and/or J. Reid

Date: 08^ APR^ 19 81

Hab-1: sediment animal plant

Hab-2: coarse sand

Ackn:       

Reks: Washings from sand

+ algae

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes

[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes

[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes

[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus

[ ] undetermined [ ] other:

Sta No: 27-A  
Acc No: 386525  
RH No: 2443

Logged [☒]

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: N. Pacific Ocean, Sulu Sea  
Loc-1: Philippines  
Loc-2: Negros Island  
Loc-3: Dumaguete  
Loc-4: \_\_\_\_\_

L/L: A A AA A A

Gear: meio-dredge grab box-corer core other  
Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_  
Zone-2: oceanic estuarine Depth (m): \_\_\_\_\_  
S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol  
Proc: bubble decant fw-shock narc unprocessed  
Lots: 1-30ml Pres: carosafe formalin alcohol  
      \_\_\_\_\_-60ml Pres: carosafe formalin alcohol  
      \_\_\_\_\_-vial Pres: carosafe formalin alcohol  
Col: R. Higgins and/or J. Norenburg  
Date: 27 APR 19 89  
Hab-1: sediment animal plant  
Hab-2: \_\_\_\_\_

Ackn: SOSC - PHIL 89  
Rmks: \_\_\_\_\_

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_



Sta No: 27-B  
Acc No: 386525  
RH No: 2444

Logged [✓]

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: N. Pac. O. Sulu Sea  
Loc-1: Philippines  
Loc-2: Negros Island  
Loc-3: Dumaguete  
Loc-4:

L/L: A A AA A A

Gear: meio-dredge grab box-corer core other  
Zone-1: subtidal intertidal Horiz (cm):  
Zone-2: oceanic estuarine Depth (m):  
S (ppt): T (C): Fix: formalin alcohol  
Proc: bubble decant fw-shock narc unprocessed  
Lots: -30ml Pres: carosafe formalin alcohol  
-60ml Pres: carosafe formalin alcohol  
-vial Pres: carosafe formalin alcohol  
Col: ~~R. Higgins~~ and/or J. Norenburg  
Date: 27 APR 1989  
Hab-1: sediment animal plant  
Hab-2:

Ackn: SOS - PHIL 89  
Rmks:

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other:

Sta No: E-8  
Acc No: 381749  
RH No: 2461

Logged [☒]

ANW ANE ASW ABE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: North Atlantic Ocean  
Loc-1: United States  
Loc-2: Maine  
Loc-3: Gulf of Maine  
Loc-4: Barn Fippenies + Cashes ledges

L/L: 42°49'36"N 069°01'36"W

Gear: meio-dredge grab box-corer core other  
Zone-1: subtidal intertidal Horiz (cm):  
Zone-2: oceanic estuarine Depth (m): 185  
S (ppt): \_\_\_\_ T (C): 6.0 Fix: formalin alcohol  
Proc: bubble decant fw-shock narc unprocessed  
Lots: \_\_\_\_ -30ml Pres: carosafe formalin alcohol  
\_\_\_\_ -60ml Pres: carosafe formalin alcohol  
\_\_\_\_ -vial Pres: carosafe formalin alcohol  
Col: R. Higgins and/or L. Watling  
Date: 27 JUL 1985  
Hab-1: sediment animal plant  
Hab-2: \_\_\_\_\_

Ackn: \_\_\_\_\_

Rmks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_



Sta No: E-9

Logged [☒]

Acc No: 381749

RH No: 2462

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: NAU

Loc-1: US

Loc-2: Maine

Loc-3: Gulf of Maine

Loc-4: Between Sharrow Ridge  
& Rodger's swell

L/L: 42° 29' 36" N 068° 54' 12" W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm):

Zone-2: oceanic estuarine Depth (m): 225

S (ppt): T (C): 7.3 Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: -30ml Pres: carosafe formalin alcohol

-60ml Pres: carosafe formalin alcohol

-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or L. Watling

Date: 27 JUL 1985

Hab-1: sediment animal plant

Hab-2:

Ackn:

Rmks:

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other:

Sta No: E-5

Logged [☒]

Acc No: 381749

RH No: 2463

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: NAD

Loc-1: US

Loc-2: MAINE

Loc-3: Gulf of Maine

Loc-4: outer shoal ridge, near  
Mt Desert Rock

L/L: 43°57'36"N 067°51'54"W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm):

Zone-2: oceanic estuarine Depth (m): 160

S (ppt): T (C): 8.1 Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: -30ml Pres: carosafe formalin alcohol

-60ml Pres: carosafe formalin alcohol

-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or L. Watling

Date: 28 JUL 1985

Hab-1: sediment animal plant

Hab-2:

Ackn:

Rmks:

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other:



Sta No: SM-3  
Acc No: 381749  
RH No: 2464

Logged [☒]

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: NAD  
Loc-1: US  
Loc-2: Maine  
Loc-3: Gulf of Maine  
Loc-4: Inner Shoochie Ridge  
near Mt. Desert Rock

L/L: 44°04'12"N 067°56'00"W  
Smith-Mc

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm):

Zone-2: oceanic estuarine Depth (m): 105

S (ppt): T (C): 8.0 Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: -30ml Pres: carosafe formalin alcohol

-60ml Pres: carosafe formalin alcohol

-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or L. Watling

Date: 28 JUL 1985

Hab-1: sediment animal plant

Hab-2:

Ackn:

Rmks:

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other:

Sta No: SM-2  
Acc No: 381749  
RH No: 2465

Logged [☒]

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: N40  
Loc-1: US  
Loc-2: MAINE  
Loc-3: Gulf of Maine  
Loc-4: Clay Bank near Columbia  
ledge, mt. Desert Rock

L/L: 43°57'06"N 068°13'42"W  
Smith-mac

Gear: meio-dredge grab box-corer core other  
Zone-1: subtidal intertidal Horiz (cm):  
Zone-2: oceanic estuarine Depth (m): 108  
S (ppt): T (C): 7.6 Fix: formalin alcohol  
Proc: bubble decant fw-shock narc unprocessed  
Lots: -30ml Pres: carosafe formalin alcohol  
-60ml Pres: carosafe formalin alcohol  
-vial Pres: carosafe formalin alcohol  
Col: R. Higgins and/or L. Watling  
Date: 28^5^19^85  
Hab-1: sediment animal plant  
Hab-2:

Ackn:  
Rmks:

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other:



Sta No: 18B-5

Logged [ / ]

Acc No: 381749

RH No: 2466

ANW ANE ASW ASE MED INW INE IBW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: NAO

Loc-1: US

Loc-2: MAINE

Loc-3: Gulf of Maine

Loc-4: Fippenies ledge

L/L: 42°44'19"N 069°15'03"W

SMD/D

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm):

Zone-2: oceanic estuarine Depth (m): 73m

S (ppt): T (C): Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: -30ml Pres: carosafe formalin alcohol

-60ml Pres: carosafe formalin alcohol

1-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or L. Watling

Date: 18 JUN 1987

Hab-1: sediment animal plant

Hab-2:

Ackn:

Rmks:

Echinoderes (1 spm)

Obs: [ ] Gymnoderes [X] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other:

Sta No: 17  
Acc No: 381749  
RH No: 2467

Logged [ / ]

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: NAD  
Loc-1: US  
Loc-2: MAINE  
Loc-3: Gulf of Maine  
Loc-4: Fippens Ledge

L/L: 42° 46' 54" N 069° 17' 54" W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm):

Zone-2: oceanic estuarine Depth (m): 66

S (ppt): T (C): Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: -30ml Pres: carosafe formalin alcohol

-60ml Pres: carosafe formalin alcohol

2-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or L. Watling

Date: 16 MAY 1986

Hab-1: sediment animal plant

Hab-2: coarse sand

Ackn:

Rmks: G 8606

Nemertea, Gast. (Gastropoda)

(or gastropoda?)

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ / ] other:



Sta No: 100409.4

Logged [☒]

Acc No: 389848

RH No: 2681

BIOFAR 591  
SHIP STA 17

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: Bailey Bank

Loc-4: \_\_\_\_\_

L/L: 60° 35' 50" N 010° 14' 41" W  
<sup>9</sup> <sup>26"</sup>  
<sup>16"</sup>  
Anchored

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 160

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: -30ml Pres: carosafe formalin alcohol

-60ml Pres: carosafe formalin alcohol

1-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or R. Kristensen

Date: \_\_\_\_\_ ^ \_\_\_\_\_ ^ 19 \_\_\_\_\_

Hab-1: sediment animal plant

Hab-2: carbonate shell gravel

Ackn: BIOFAR 1990

Reks: Isopoda (to B. Kensley)

1 vial

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_

Sta No: 900411 . 1 —

Logged [☒]

Acc No: 389848

RH No: 2682

BIOFAR 598

SHIP STA ~~22~~ 23

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: \_\_\_\_\_

Loc-4: \_\_\_\_\_

L/L: E<sup>24"</sup>2<sup>°</sup>1<sup>'</sup>4<sup>'</sup>4 N<sup>00</sup>5<sup>°</sup>3<sup>'</sup>5<sup>'</sup>3 W<sup>18"</sup>  
BIOFAR ~~triple~~ dr.

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 240

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

1 -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or Martin Jørgensen

Date: \_\_\_\_\_ ^ \_\_\_\_\_ ^ 19 \_\_\_\_\_

Hab-1: sediment animal plant

Hab-2: red gravel (chlamys (bivalve))

Ackn: BIOFAR 1990

Rks: Kino Rhyncha 1-vial

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes

[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes

[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes

[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus

[ ] undetermined [ ] other: \_\_\_\_\_



Sta No: 900411.3

Logged ☒ ]

Acc No: 389948

RH No: 2683

BIOFAR 600

SHIP STA 24

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: \_\_\_\_\_

Loc-4: \_\_\_\_\_

L/L: 62°02'48"N 110°06'07"W  
BIOFAR triangle dredge

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): \_\_\_\_\_

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or Martin Jorgensen

Date: 11 APR 1990

Hab-1: sediment animal plant

Hab-2: \_\_\_\_\_

Ackn: BIOFAR

Reks: Limnodynastes 1-vial

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_

Sta No: 900412.41

Logged [ ☒ ]

Acc No: 369846

RH No: 2684

BIOFAR 608

SHIP STA 29

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: \_\_\_\_\_

Loc-4: \_\_\_\_\_

07"  
L/L: 61 ^ 56.12 N ^^ 006 ^ 30 ^ - - W  
BIOFAR anchor dredge

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 65

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -vial Pres: carosafe formalin alcohol

Col: ~~R. Higgins~~ and/or Martin Jorgensen

Date: \_\_\_\_\_ ^ \_\_\_\_\_ ^ 19 \_\_\_\_\_

Hab-1: sediment animal plant

Hab-2: coarse sand-shell w/ mud

Ackn: BIOFAR

Raks: Limnorchina - 1-vial

Obs: [ ] Gymnoderes [ ☒ ] Echinoderes [ ] Condyloderes

[ ] Centroderes [ ☒ ] Sennoderes [ ] Sphenoderes

[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes

[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus

[ ] Undetermined [ ] Other: \_\_\_\_\_



Sta No: 900412.12

Logged [☒]

Acc No: 389848

RH No: 2685

BIOFAR 610

SHIP STA 30

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: \_\_\_\_\_

Loc-4: \_\_\_\_\_

L/L: 62 <sup>18"</sup> 05 <sup>30</sup> N <sup>00</sup> 06 <sup>20</sup> 00 W  
BIOFAR anchor

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 90

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: -30ml Pres: carosafe formalin alcohol

-60ml Pres: carosafe formalin alcohol

1-vial Pres: carosafe formalin alcohol

Col: ~~R. Higgins~~ and/or Martin Jorgensen

Date: 12 <sup>APR</sup> 19 90

Hab-1: sediment animal plant

Hab-2: mud w/ clams

Ackn: \_\_\_\_\_

Rmks: \_\_\_\_\_

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_

Sta No: 900425.1

Logged [☒]

Acc No: 389848

RH No: 2686

ANW (ANE) ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: BALTIC SEA

Loc-1: KIEL BAY

Loc-2: \_\_\_\_\_

Loc-3: \_\_\_\_\_

Loc-4: \_\_\_\_\_

L/L: \_\_\_\_\_

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): \_\_\_\_\_

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1-30ml Pres: carosafe formalin alcohol

-60ml Pres: carosafe formalin alcohol

2-3-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or \_\_\_\_\_

Date: 25 <sup>^</sup> APR <sup>^</sup> 1990

Hab-1: sediment animal plant

Hab-2: mud w/ thin oxidized layer - H<sub>2</sub>S below

Ackn: H Ruhmor Inst. f. meeres. Kiel

Reks: Halargyptus spinulosus common in 1-30 ml

3 spec Pycnophyes in 1-4 dr vial

1-vial Kin. 1-vial priap

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [X] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_



Sta No: 900412.1

Logged [☒]

Acc No: 389848

BIOFAR 628

RH No: 2687

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: N40

Loc-1: -

Loc-2: Faeroe Islands

Loc-3: Kaldbak Fjord

Loc-4: -

L/L: 62°03'34" N 006°50'34" W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): -

Zone-2: oceanic estuarine Depth (m): 53

S (ppt): - T (C): - Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: -30ml Pres: carosafe formalin alcohol

-60ml Pres: carosafe formalin alcohol

1-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or R. Kristensen

Date: 12 APR 1990

Hab-1: sediment animal plant

Hab-2: mud

Ackn: Anne Marie NORBY, Johan SIMONSEN 1990 BIOFAR

Reks: Kinorhynch 1-vial

Obs: [☐] Gymnoderes [☒] Echinoderes [☐] Condyloderes  
[☐] Centroderes [☒] Sennoderes [☐] Sphenoderes  
[☐] Cateria [☐] Zelinkaderes [☐] Paracentrophyes  
[☐] Neocentrophyes [☐] Pycnophyes [☐] Kinorhynchus  
[☐] undetermined [☐] other: -

Sta No: 9 0 0 4 1 2 . 2

Logged [☒]

Acc No: 3 8 9 8 4 8

RH No: 2 6 8 8

BIOFAR 629

ANW (ANE) ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: Kaldbak Fjord

Loc-4: \_\_\_\_\_

L/L: 62 <sup>42"</sup> 03 <sup>17</sup> 70 N <sup>00</sup> 6 <sup>48</sup> 38 W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 62

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

1-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or R. Kristensen

Date: 12 <sup>^</sup> APR <sup>^</sup> 19 90

Hab-1: sediment animal plant

Hab-2: mud

Ackn: \_\_\_\_\_

Reks: King - local

Obs: [ ] Gymnoderes [ ☒ ] Echinoderes [ ] Condyloderes

[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes

[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes

[ ] Neocentrophyes [ ☒ ] Pycnophyes [ ] Kinorhynchus

[ ] undetermined [ ] other: \_\_\_\_\_



Sta No: 900412.3

Logged [☒]

Acc No: 389848

RH No: 2689

BIDFAR 630

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: Kaldbak Flord

Loc-4: \_\_\_\_\_

L/L: 62°03'49"N 006°47'47"W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 20

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1-30ml Pres: carosafe formalin alcohol

-60ml Pres: carosafe formalin alcohol

note pres → 1-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or R. Kristensen

Date: 12 APR 1990

Hab-1: sediment animal plant

Hab-2: sand w/ detritus

Ackn: \_\_\_\_\_

Reks: KIND 1-vial (formalin)

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes

[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes

[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes

[ ] Neocentrophyes [☒] Pycnophyes [ ] Kinorhynchus

[ ] undetermined [ ] other: \_\_\_\_\_

Sta No: 90 0412 . 4

Logged [ ☒ ]

Acc No: 389848

RH No: 2690

BIOFAR 631

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: Kaldbak Fjord

Loc-4: \_\_\_\_\_

L/L: 62<sup>01</sup> 04<sup>40</sup> . 02 N 00 6<sup>46</sup> 46<sup>40</sup> W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 42-44

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

1-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or R. Kristensen

Date: 12 ^ APR ^ 19 90

Hab-1: sediment animal plant

Hab-2: mud w/ shell + sand

Ackn: \_\_\_\_\_

Reks: Kino - 1-vial

Obs: [ ] Gymnoderes [ ☒ ] Echinoderes [ ] Condyloderes

[ ] Centroderes [ ] Sennoderes [ ☒ ] Sphenoderes

[ ] Cateria [ ] Zelinkaderes [ ☒ ] Paracentrophyes ?

[ ] Neocentrophyes [ ☒ ] Pycnophyes [ ] Kinorhynchus

[ ] Undetermined [ ] Other: \_\_\_\_\_



Sta No: 9 0 0 4 1 2 . 5

Logged [☒]

Acc No: 3 8 9 8 4 8

BIOPAR 632

RH No: 2 6 9 1

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: Faeroe Islands

Loc-3: Tanga Fjord

Loc-4: \_\_\_\_\_

L/L: 6 2 ^ 0 4 . 3 / 2 N ^ ^ 0 0 6 ^ 4 4 . 6 5 W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 40

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or R. Kristensen

Date: 12 ^ APR ^ 19 90

Hab-1: sediment animal plant

Hab-2: shell grave

Ackn: \_\_\_\_\_

Remarks: lots of brittle stars!

vials 1-Lino

Obs: [ ] Gymnoderes [ ☒ ] Echinoderes [ ] Condyloderes

[ ] Centroderes [ ☒ ] Sennoderes [ ] Sphenoderes

[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes

[ ] Neocentrophyes [ ☒ ] Pycnophyes [ ] Kinorhynchus

[ ] undetermined [ ] other: \_\_\_\_\_

Sta No: 900412.7

Logged [☒]

Acc No: 389848

RH No: 2693

BIOPAR 634

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: Faerøe Islands

Loc-3: Kallak Fjord Tanga fjord ar.

Loc-4: \_\_\_\_\_

L/L: 62°04'<sup>41</sup>N 006°46'<sup>21</sup>W

Gear: neio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 80

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or R. Kristensen

Date: 12 ^ APR ^ 19 90

Hab-1: sediment animal plant

Hab-2: sandy mud

Ackn: \_\_\_\_\_

Raks: large sample

WALS - 1-kind

Obs: [ ] Gymnoderes [ ☒ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ☒ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_



Sta No: 9 0 0 4 0 4 . 2

Logged [☒]

Acc No: 3 8 9 8 4 8

RH No: 2 6 9 4

(Ship station 7)

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: North Sea

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: \_\_\_\_\_

Loc-4: \_\_\_\_\_

L/L: 56^00^01N^006^24^84E

Higgins Anchor dredge

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 50

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1 -30ml Pres: carosafe formalin alcohol

1 -60ml Pres: carosafe formalin alcohol

1 -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or R. Kristensen

Date: 04^APR^1990

Hab-1: sediment animal plant

Hab-2: mud in coarse sand

Ackn: R/V VALDIVIA H. Thiel

Rmks: Sipuncula, Annelida, Cumacea,

Nematoidea

Obs: [☐] Gymnoderes [☒] Echinoderes [☐] Condyloderes

[☐] Centroderes [☐] Sennoderes [☐] Sphenoderes

[☐] Cateria [☐] Zelinkaderes [☐] Paracentrophyes

[☐] Neocentrophyes [☒] Pycnophyes [☐] Kinorhynchus

[☐] undetermined [☐] other: \_\_\_\_\_

Sta No: 900404.3

Logged [☒]

Acc No: 389848

RH No: 2695

Ship station 8

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: North Sea

Loc-1: N of Dogger Bank

Loc-2: \_\_\_\_\_

Loc-3: \_\_\_\_\_

Loc-4: \_\_\_\_\_

L/L: 56^13^09N^005^32^50E

Gear: meio-dredge grab box-corer core other\*

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): \_\_\_\_\_

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1-30ml Pres: carosafe formalin alcohol

1-60ml Pres: carosafe formalin alcohol

\_\_\_\_-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or R. M. Kristensen

Date: 04^APR^1990

Hab-1: sediment animal plant

Hab-2: brn. mud

Ackn: \_\_\_\_\_

Remarks: \* Bongo net filled w/ mud

Obs: [ ]Gymnoderes [ ]Echinoderes [ ]Condyloderes  
[ ]Centroderes [ ]Sennoderes [ ]Sphenoderes  
[ ]Cateria [ ]Zelinkaderes [ ]Paracentrophyes  
[ ]Neocentrophyes [ ]Pycnophyes [ ]Kinorhynchus  
[ ]undetermined [ ]other: \_\_\_\_\_



Sta No: 900405.1

Logged [☒]

Acc No: 389848

RH No: 2696

(Ship station 9)

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: North Sea

Loc-1: Fladden Ground

Loc-2: \_\_\_\_\_

Loc-3: \_\_\_\_\_

Loc-4: \_\_\_\_\_

L/L: 58^29^97 N ^^ 000^28^84 E

*begin anchor dr.*

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 140

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1-30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or R.M. Kristensen

Date: 05^APR^1990

Hab-1: sediment animal plant

Hab-2: grey mud w/ fine sand

Ackn: \_\_\_\_\_

Wt: 20-30 kg.

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes

[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes

[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes

[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus

[ ] Undetermined [ ] Other: \_\_\_\_\_

Sta No: 90 0409 . 1

Logged [☒]

Acc No: 389848

BIOFAR 586

RH No: 2697

Ship Sta 13

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: FAROE BANK

Loc-2: \_\_\_\_\_

Loc-3: \_\_\_\_\_

Loc-4: \_\_\_\_\_

L/L: 60 ^ 47 ^ 00 N ^ 009 ^ 00 ^ 72 W

anchored

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 100-105 m

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or Kristensen

Date: 09 ^ APR ^ 1990

Hab-1: sediment animal plant

Hab-2: coarse shell trash, well sorted

Ackn: BIOFAR, MIS VALDIVIA, H. THIEL, A. Nottmann

Refs: \_\_\_\_\_

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes

[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes

[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes

[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus

[ ] undetermined [ ] other: \_\_\_\_\_



Sta No: 900409.5

Logged [✓]

Acc No: 389848

RH No: 2698

BIOFAR 590  
Ship Str 16

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0:

Loc-1:

Loc-2:

Loc-3:

Loc-4:

L/L: 60°39'54"N 010°09'42"W

Gear: meio-dredge grab box-corer core Anchor other dr.

Zone-1: subtidal intertidal Horiz (cm):

Zone-2: oceanic estuarine Depth (m): 150

S (ppt): T (C): Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1-30ml Pres: carosafe formalin alcohol

1-60ml Pres: carosafe formalin alcohol

-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or K. Jensen

Date: 09 APR 1990

Hab-1: sediment animal plant

Hab-2:

Ackn:

Rmk:

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other:

Sta No: 900411.4

Logged [☒]

Acc No: 389848

RH No: 2691

BIOFAR 601

SHIP STA 24

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: \_\_\_\_\_

Loc-4: \_\_\_\_\_

L/L: E L ^ 56 ^ 9 <sup>54</sup> N ^ ^ 0 05 ^ 58 ^ 00 W <sup>50</sup>

*Sanders epibenthic dredge*

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): \_\_\_\_\_

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -vial Pres: carosafe formalin alcohol

Col: ~~R. Higgins~~ and/or Martin Jorgensen

Date: 11 ^ APR ^ 19 90

Hab-1: sediment animal plant

Hab-2: Sand

Ackn: \_\_\_\_\_

Refs: \_\_\_\_\_

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_



Sta No: 900417 . 1 —

Logged [☒]

Acc No: 389848

RH No: 2700

BIOFAR 622  
SHIP STA 48

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: \_\_\_\_\_

Loc-4: \_\_\_\_\_

L/L: 61<sup>58</sup> 40<sup>10</sup> 97 N 007 38 16 W  
*Hydro anchor dredge*

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 220

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or R. KRISTENSEN

Date: \_\_\_\_\_ ^ \_\_\_\_\_ ^ 19 \_\_\_\_\_

Hab-1: sediment animal plant

Hab-2: muddy/medium to coarse sand

Ackn: \_\_\_\_\_

Rmks: \_\_\_\_\_

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_

Sta No: 900417.2

Logged [☒]

Acc No: 389848

RH No: 2701

BISFAR 623

SHIP STA 49

ANW (ANE) ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: \_\_\_\_\_

Loc-4: \_\_\_\_\_

L/L: 61^34^<sup>48</sup>0N^^008^01^<sup>43</sup>72W

*Higgins anchor dredge*

Gear: meio-dredge grab box-corer core (other)

Zone-1: (subtidal) intertidal Horiz (cm): \_\_\_\_\_

Zone-2: (oceanic) estuarine Depth (m): 320-340

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: (formalin) alcohol

Proc: (bubble) (decant) fw-shock narc unprocessed

Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or R. Krustevan

Date: \_\_\_\_\_ ^ \_\_\_\_\_ ^ 19 \_\_\_\_\_

Hab-1: (sediment) animal plant

Hab-2: muddy sand

Ackn: \_\_\_\_\_

Refs: \_\_\_\_\_

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes

[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes

[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes

[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus

[ ] undetermined [ ] other: \_\_\_\_\_



Sta No: 900418.1

Logged [ ☒ ]

Acc No: 389848

RH No: 2702

BIOTAR 624

SHIPSTA 51

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: \_\_\_\_\_

Loc-4: \_\_\_\_\_

L/L: 61^00^9/1N^009^47^56W

Smith McIntyre

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 1070

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or R. KRISTENSEN

Date: \_\_\_\_\_ ^ \_\_\_\_\_ ^ 19 \_\_\_\_\_

Hab-1: sediment animal plant

Hab-2: white sand w/ silt

Ackn: \_\_\_\_\_

Refs: \_\_\_\_\_

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes

[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes

[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes

[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus

[ ] undetermined [ ] other: \_\_\_\_\_

Sta No: 900404.1 Logged [☒]  
Acc No: 389848 (Ship station 6)  
RH No: 2703

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: NORTH SEA  
Loc-1: "Tail of the Dogger Bank"  
Loc-2: \_\_\_\_\_  
Loc-3: \_\_\_\_\_  
Loc-4: \_\_\_\_\_

L/L: 55°59'87"N 004°38'70"E

Gear: meio-dredge grab box-corer core other <sup>Anchor dredge</sup>  
Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_  
Zone-2: oceanic estuarine Depth (m): 50  
S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol  
Proc: bubble decant fw-shock narc unprocessed  
Lots: \_\_\_\_\_ -30ml Pres: carosafe formalin alcohol  
          1 -60ml Pres: carosafe formalin alcohol  
          \_\_\_\_\_ -vial Pres: carosafe formalin alcohol  
Col: R. Higgins and/or R. M. Kristensen  
Date: 04 APR 1990  
Hab-1: sediment animal plant  
Hab-2: muddy sand

Ackn: R/V VALDIVIA H. Thiel  
Roks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_



Sta No: 900716 . 1 —

Logged [☒]

Acc No: 391377

RH No: 2704

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: Glacier Bay AK

Loc-4: Johnson Cove

L/L: 58^34^24 N^136^06^42 W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 4

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1-30ml Pres: carosafe formalin alcohol

-60ml Pres: carosafe formalin alcohol

1-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or L. McNutt

Date: 16^Jul^1990

Hab-1: sediment animal plant

Hab-2: anoxic mud

Ackn: Mark SCHROEDER and Jan STRAYER (Natl Park Serv)

Reks: NOTE: Reprints on any topic dealing

with this collection are to be sent to Mark

Schroeder, Glacier Natl. Park, Gustavus, AK

(note on all sample records!)

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes

[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes

[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes

[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus

[ ] undetermined [ ] other: \_\_\_\_\_

Sta No: 900716.2

Logged [☒]

Acc No: 391377

RH No: 2705

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: Glacier Bay AK

Loc-4: Spokane Cove

L/L: 58°41'36"N 135°58'00"W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 40

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1 -30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or L. McNutt

Date: 16 ^ Jul ^ 19 90

Hab-1: sediment animal plant

Hab-2: brn mud

Ackn: Mark SCHROEDER & Jan STRYVER (Nat'l Park Serv)

Refs: see RH 2704

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes

[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes

[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes

[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus

[ ] undetermined [ ] other: \_\_\_\_\_



Sta No: 900216.3  
Acc No: 391377  
RH No: 2706

Logged [☒]

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: Glacier Bay AK

Loc-4: Beartrock Cove

L/L: 58°36'36"N 135°52'18"W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 33

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1-30ml Pres: carosafe formalin alcohol

\_\_\_\_\_-60ml Pres: carosafe formalin alcohol

\_\_\_\_\_-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or L. McNutt

Date: 16 Jul 1990

Hab-1: sediment animal plant

Hab-2: brown mud

Ackn: Mark SCHROEDER + Tom STRAYER (Nate Park Serv)

Refs: See RH 2704

Obs: [ ]Gymnoderes [ ]Echinoderes [ ]Condyloderes  
[ ]Centroderes [ ]Sennoderes [ ]Sphenoderes  
[ ]Cateria [ ]Zelinkaderes [ ]Paracentrophyes  
[ ]Neocentrophyes [ ]Pycnophyes [ ]Kinorhynchus  
[ ]undetermined [ ]other: \_\_\_\_\_

Sta No: 900717.1

Logged [☒]

Acc No: 391377

RH No: 2707

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: Berg Bay (North Element) - Glacier Bay AK

Loc-4: Berg Bay (North Element)

L/L: 58°32'48"N 136°09'00"W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 33

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: -30ml Pres: carosafe formalin alcohol

-60ml Pres: carosafe formalin alcohol

-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or L. McNutt

Date: 17 Jul 1990

Hab-1: sediment animal plant

Hab-2: brn mud

Ackn: Mark SCHROEDER and Jan STRAYER (North Park Sevi)

Rmks: See RH 2704

Obs: [ ] Gymnoderes [☒] Echinoderes [☒] Condyloderes

[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes

[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes

[ ] Neocentrophyes [☒] Pycnophyes [☒] Kinorhynchus

[ ] undetermined [ ] other: \_\_\_\_\_



Sta No: 900717.2

Logged [☒]

Acc No: 391377

RH No: 2708

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: Fingers Bay (North Point) Glacier Bay

Loc-4: North Fingers Bay

L/L: 58° 35' 42" N 136° 12' 36" W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): 30

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1 -30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or L. McNutt

Date: 17 Jul 1990

Hab-1: sediment animal plant

Hab-2: broken mud

Ackn: Mark SCHROEDER + Jan STRAYER (Natl Park Serv)

Rmks: See RH 2704

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes

[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes

[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes

[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus

[ ] undetermined [ ] other: \_\_\_\_\_

Sta No: 900717.3

Logged [☒]

Acc No: 391377

RH No: 2709

ANW ANE ASW ASE MED INW INE ISW ISC ISE

INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: \_\_\_\_\_

Loc-2: \_\_\_\_\_

Loc-3: Glacier Bay AK

Loc-4: Beardslee Entrance S. of Eider Is.

L/L: 58°30'18"N 135°56'24"W

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): \_\_\_\_\_

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1 -30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or L. McNutt

Date: 17 Jul 1990

Hab-1: sediment animal plant

Hab-2: brn mud

Ackn: Mark SCHROEDER + Joan STRAYER (Natl Park Serv)

Refs: See RH 2704

Obs: [ ]Gymnoderes [ ]Echinoderes [ ]Condyloderes

[ ]Centroderes [ ]Sennoderes [ ]Sphenoderes

[ ]Cateria [ ]Zelinkaderes [ ]Paracentrophyes

[ ]Neocentrophyes [ ]Pycnophyes [ ]Kinorhynchus

[ ]Undetermined [ ]Other: \_\_\_\_\_



Sta No: 900712.4  
Acc No: 391377  
RH No: 2710

Logged [☒]

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: \_\_\_\_\_  
Loc-1: \_\_\_\_\_  
Loc-2: \_\_\_\_\_  
Loc-3: Glacier Bay AK  
Loc-4: Bartlett Cove

L/L: 58^27^42N^^135^54^24W

Gear: meio-dredge grab box-corer core other  
Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_  
Zone-2: oceanic estuarine Depth (m): 40  
S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol  
Proc: bubble decant fw-shock narc unprocessed  
Lots: -30ml Pres: carosafe formalin alcohol  
      -60ml Pres: carosafe formalin alcohol  
      -vial Pres: carosafe formalin alcohol  
Col: R. Higgins and/or L McNutt  
Date: 17^Jul^1990  
Hab-1: sediment animal plant  
Hab-2: brn mud

Ackn: Mark SCHROEDER + Jan STRAYER (Natl Park Serv)  
Rmks: See RH 2704

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_

Sta No: 900724.1  
Acc No: 391377  
RH No: 2711

Logged [☒]

ANW ANE ASW ASE MED INW INE ISW ISC ISE  
INW INE ISW ISC ISE PNW PNE PSW PSE

Loc-0: NAD, Gulf of Alaska - C. Co. Wd.  
Loc-1: United States  
Loc-2: Alaska  
Loc-3: Anke Bay  
Loc-4: \_\_\_\_\_

L/L: ^ ^ ^^ ^ ^

Gear: meio-dredge grab box-corer core other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: oceanic estuarine Depth (m): \_\_\_\_\_

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 4-30ml Pres: carosafe formalin alcohol

\_\_\_\_\_ -60ml Pres: carosafe formalin alcohol

1-vial Pres: carosafe formalin alcohol

Col: R. Higgins and/or Shirley + Storch

Date: 24 JUL 19 90

Hab-1: sediment animal plant

Hab-2: \_\_\_\_\_

Ackn: \_\_\_\_\_

Refs: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Obs: [ ] Gymnoderes [ ] Echinoderes [ ] Condyloderes  
[ ] Centroderes [ ] Sennoderes [ ] Sphenoderes  
[ ] Cateria [ ] Zelinkaderes [ ] Paracentrophyes  
[ ] Neocentrophyes [ ] Pycnophyes [ ] Kinorhynchus  
[ ] undetermined [ ] other: \_\_\_\_\_



Sta No: 900829.1

Logged [☒]

RH No: 2712

Acc No: 391429

ANW ANE ASW ASE INW INE ISW ISC ISE  
MED PNW PNE PSW PSE

Loc-0: N ATLANTIC OCEAN, Bay of Biscay

Loc-1: Spain

Loc-2: Santander Province

Loc-3: Bahia de Santander

Loc-4: CANTABRIA

Near E port area (Astillero)

Lat:    °    '    " Long:    °    '    "

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal Horiz (cm):    

Zone-2: marine estuarine Depth (m): 10

S (ppt):     T (C):     Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1 -30 ml Pres: ethglycol formalin alcohol

1 -60 ml Pres: ethglycol formalin alcohol

1 -vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and/or F. Roldos, J. Benito

Date: 29 | AUG | 1990

Hab-1: sediment animal plant

↑  
copy for all  
SPAIN entry

Hab-2: BRN MUD

Ackn: 2 students. (namisimidiang) (alper)

L. Herrera, S. Parra for collecting  
assistance (copy for all Santander  
or Santaña entries)

Rmks: Santander entries only: G. Garcia  
Museo Maritimo  
de Cantabrico  
Puerto Chico S/N  
Santander Spain

Some address as Roldos & Benito

KIND

Sta No: 900829.4

Logged [☒]

RH No: 2713

Acc No: 391429

ANW ANE ASW ASE INW INE ISW ISC ISE  
MED PNW PNE PSW PSE

Loc-0: ATLANTIC OCEAN, Bay of Biscay

Loc-1: Spain

Loc-2: Santander Province

Loc-3: Bahía de Santander

Loc-4: SANTANDER (Exportarea Astillero)

Lat:    °    '    " Long:    °    '    "

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal Horiz (cm):    

Zone-2: marine estuarine Depth (m): 5

S (ppt):     T (C):     Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1 -30 ml Pres: ethglycol formalin alcohol

1 -60 ml Pres: ethglycol formalin alcohol

1 -vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and/or    

Date: 29 | AUG | 19 90

Hab-1: sediment animal plant

Hab-2: MEDIUM SAND w/ SILT + MUD

Ackn:    

Rmks: Pycnophyes (~5 in 11d)



Sta No: 900850.1

Logged [☒]

RH No: 2714

Acc No: 391429

ANW ANE ASW ASE INW INE ISW ISC ISE  
MED PNW PNE PSW PSE

Loc-0: ATLANTIC OCEAN, Bay of Biscay

Loc-1: Spain

Loc-2: Santander Province

Loc-3: Santaña, ↗

Loc-4: SANTAÑA BAY

Lat:    °    '    " Long:    °    '    "

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal Horiz (cm):    

Zone-2: marine estuarine Depth (m): 3

S (ppt):     T (C):     Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1 -30 ml Pres: ethglycol formalin alcohol

1 -60 ml Pres: ethglycol formalin alcohol

1 -vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and/or    

Date: 30 | AUG | 19 40

Hab-1: sediment animal plant

Hab-2: fine sand w/ some silt

Ackn:    

Rmks: Pycnophyes Echinoderes

Sta No: 90 0830 . 2

Logged [☒]

RH No: 2715

Acc No: 391429

ANW (ANE) ASW ASE INW INE ISW ISC ISE  
MED PNW PNE PSW PSE

Loc-0: ATLANTIC OCEAN

Loc-1: Spain

Loc-2: Santander Province

Loc-3: Santaña, ↑

Loc-4: SANTANA BAY

Lat:    °    '    " Long:    °    '    "

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal Horiz (cm):           

Zone-2: marine estuarine Depth (m): 2

S (ppt):        T (C):        Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1 -30 ml Pres: ethglycol formalin alcohol

1 -60 ml Pres: ethglycol formalin alcohol

1 -vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and/or                                 

Date: 30 | AUG | 19 90

Hab-1: sediment animal plant

Hab-2: fine sand w/ silt

Ackn:   

Rmks: Pycnophyes Echinoderes



Sta No: 900830.4

Logged [☒]

RH No: 2716

Acc No: 391429

ANW ANE ASW ASE INW INE ISW ISC ISE  
MED PNW PNE PSW PSE

Loc-0: N. ATLANTIC OCEAN, Bay of Biscay

Loc-1: Spain

Loc-2: Santander Province

Loc-3: Santaña

Loc-4: SANTAÑA BAY  
Spartina marsh

Lat:    °    '    " Long:    °    '    "

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal Horiz (cm): 1

Zone-2: marine estuarine Depth (m):    

S (ppt):     T (C):     Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots:    -30 ml Pres: ethglycol formalin alcohol

1-60 ml Pres: ethglycol formalin alcohol

   -vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and/or    

Date: 30 | AUG | 19    

Hab-1: sediment animal plant

Hab-2: mud w/ plant detritus

Ackn:    

Rmks:

Sta No: 900831.1

Logged ☒

RH No: 2717

Acc No: 391429

ANW ANE ASW ASE INW INE ISW ISC ISE  
MED PNW PNE PSW PSE

Loc-0: N. ATLANTIC OCEAN, Bay of Biscay

Loc-1: Spain

Loc-2: Santander Province

Loc-3: ~~Spain~~ Bahia de Santander

Loc-4: ~~SANTANDER~~  
near ferry dock on E shore

Lat:    °    '    " Long:    °    '    "

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal Horiz (cm):    

Zone-2: marine estuarine Depth (m): 5

S (ppt):     T (C):     Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1 -30 ml Pres: ethglycol formalin alcohol

1 -60 ml Pres: ethglycol formalin alcohol

1 -vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and/or    

Date: 31 | AUG | 1990

Hab-1: sediment animal plant

Hab-2: silty sand

Ackn:    

Rmks: ~~single~~ Echinoderm juv + adult

Kenorchinus juv

Pyrosoma 7 sps



Sta No: 900903.1

Logged [☒]

RH No: 2718

Acc No: 391429

ANW ANE ASW ASE INW INE ISW ISC ISE

MED PNW PNE PSW PSE

Loc-0: N ATL OCEAN

Loc-1: Spain

Loc-2: Pontevedra Province

Loc-3: ~~Spain~~ VIGO

Loc-4: VIGO

about 2 km from open sea along N shore

Lat:   °   '   " Long:   °   '   "

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal Horiz (cm):   

Zone-2: marine estuarine Depth (m): 10

S (ppt):    T (C):    Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots:   -30 ml Pres: ethglycol formalin alcohol

1-60 ml Pres: ethglycol formalin alcohol

  -vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and/or F. Pardos, J. Benito

Date: 08 | SEP | 19 90

Hab-1: sediment animal plant

Hab-2: shell-gravel

Ackn: J. Parpar?

Ce. Besteiro

Rmks:

Sta No: 900904.1

Logged ☒

RH No: 2719

Acc No: 391429

ANW ANE ASW ASE INW INE ISW ISC ISE  
MED PNW PNE PSW PSE

Loc-0: N ATL OCEAN

Loc-1: Spain

Loc-2: Pontevedra Province

Loc-3: ~~SPAIN~~ Vigo

Loc-4: VIGO

1 km N of bridge along N shore

Lat:   °   '   " Long:   °   '   "

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal Horiz (cm):   

Zone-2: marine estuarine Depth (m): 10

S (ppt):    T (C):    Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1 -30 ml Pres: ethglycol formalin alcohol

1 -60 ml Pres: ethglycol formalin alcohol

1 -vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and/or F. Pardos, J. Benito

Date: 04 | SEP | 19 90

Hab-1: sediment animal plant

Hab-2: black mud in seagrass bed

Ackn:   

Rmks: Echinoderms (many)

Kinorhynchus ? 1 spec

Pycnophyes 1 spec



Sta No: 900904.2

Logged [☒]

RH No: 2720

Acc No: 291429

ANW ANE ASW ASE INW INE ISW ISC ISE  
MED PNW PNE PSW PSE

Loc-0: N ATL OCEAN

Loc-1: Spain

Loc-2: Pontevedra Province

Loc-3: ~~Spain~~ Vigo

Loc-4: ~~WCO~~

near W of bridge along S shore

Lat:   °   '   " Long:   °   '   "

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal

Horiz (cm):   

Zone-2: marine estuarine

Depth (m): 4-8

S (ppt):    T (C):    Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1 -30 ml Pres: ethglycol formalin alcohol

1 -60 ml Pres: ethglycol formalin alcohol

1 -vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and/or see #1

Date: 04 | SEP | 1990

Hab-1: sediment animal plant

Hab-2: black mud w/ sand + shell

Ackn:   

Rmks: 2 spp Pyrosophus; 1 (or 2) spp  
Echinoderm

Sta No: 900907.3

Logged [☒]

RH No: 2721

Acc No: 391429

ANW ANE ASW ASE INW INE ISW ISC ISE  
MED PNW PNE PSW PSE

Loc-0: N ATL OCEAN

Loc-1: Portugal

Loc-2: ~~PORTUGAL~~ Setubal district

Loc-3: ~~SETUBAL~~ <sup>Marateca</sup>, Baia de Setubal

Loc-4: Esteiro Marateca

Lat: 38°30'00"N Long: 008°45'00"E

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: marine estuarine Depth (m): 2

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1 -30 ml Pres: ethglycol formalin alcohol

1 -60 ml Pres: ethglycol formalin alcohol

\_\_\_\_\_-vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and/or Pardos, Benite

Date: \_\_\_\_ | \_\_\_\_ | 19 \_\_\_\_

Hab-1: sediment animal plant

Hab-2: muddy sand

Ackn: C. Rosado

Rmks: Echinoderm Pycnophor



Sta No: 900907.5

Logged ☒

RH No: 2722

Acc No: 391429

ANW ANE ASW ASE INW INE ISW ISC ISE  
MED PNW PNE PSW PSE

Loc-0: N ATL OCEAN

Loc-1: Portugal

Loc-2: PORTUGAL Setubal province

Loc-3: baia SETUBAL

Loc-4: Estreito Marateca

Lat: 38° 31' 10" N Long: 008° 46' 00" E

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal

Horiz (cm): 0-1

Zone-2: marine estuarine

Depth (m): 2

S (ppt):      T (C):     

Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots:     -30 ml Pres: ethglycol formalin alcohol

1-60 ml Pres: ethglycol formalin alcohol

    -vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and/or     

Date:      |      | 19     

Hab-1: sediment animal plant

Hab-2: fine silt/mud

Ackn:     

Rmks: similar to habitat for E. coulli

Sta No: 900907.6

Logged [☒]

RH No: 2723

Acc No: 391429

ANW (ANE) ASW ASE INW INE ISW ISC ISE  
MED PNW PNE PSW PSE

Loc-0: N ATL OCEAN

Loc-1: Portugal

Loc-2: ~~PORTUGAL~~ Setubal district

Loc-3: <sup>baía</sup> SETUBAL, 5

Loc-4: (Esteiro Marateca) near Monte do  
Pinheiro (in channel leading to village)

Lat: 38° 27' 58" N Long: 008° 44' 00" N

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: marine estuarine Depth (m): 2

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1 -30 ml Pres: ethglycol formalin alcohol

1 -60 ml Pres: ethglycol formalin alcohol

1 -vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and/or \_\_\_\_\_

Date: \_\_\_\_ | \_\_\_\_ | 19 \_\_\_\_

Hab-1: sediment animal plant

Hab-2: grey mud

Ackn: \_\_\_\_\_

Rmks: 3 ~~2~~ spms Echinoderm (new?) 2 spp?

poor sample

Batillipes sp.



Sta No: 900908.2

Logged [☒]

RH No: 2724

Acc No: 391429

ANW ANE ASW ASE INW INE ISW ISC ISE  
MED PNW PNE PSW PSE

Loc-0: N ATL OCEAN

Loc-1: Portugal

Loc-2: PORTUGAL Setubal district

Loc-3: ~~SETUBAL~~ COSTA<sup>de</sup> CAPARICA, J

Loc-4: PRIA DO COSTELO  
(Beach area S. of Lisbon)

Lat: 38°    '    "N Long: 009°    '    "E

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal Horiz (cm): 30-40

Zone-2: marine estuarine Depth (m):    

S (ppt):     T (C):     Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots:    -30 ml Pres: ethglycol formalin alcohol

1-60 ml Pres: ethglycol formalin alcohol

   -vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and/or see .1

Date: 08 | SEP | 1990

Hab-1: sediment animal plant

Hab-2: med sand (poorly sorted)

Ackn:    

Rmks: contains mystaceocarids

sample taken at ~~3/4~~ high tide range  
near X

Sta No: 28 - VIII-90-2

Logged ☒

RH No: 2731

Acc No: 392598

ANW ANE ASW ASE INW INE ISW ISC ISE

MED PNW PNE PSW PSE

Loc-0: North Atlantic O.

Loc-1: Canary Islands

Loc-2: Canary Islands

Loc-3: Tenerife

Loc-4: W. coast, N. of San Juan  
steep Rock slope

Lat: 28° 10' 48" N Long: 016° 50' 24" W

Gear: *meiodredge grab box-corer corer* other 2' dredge

Zone-1: *subtidal intertidal* Horiz (cm): \_\_\_\_\_

Zone-2: *marine estuarine* Depth (m): 138

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: *formalin alcohol*

Proc: *bubble decant fw-shock narc unprocessed*

Lots: \_\_\_\_\_ -30 ml Pres: *ethglycol formalin alcohol*

\_\_\_\_\_ -60 ml Pres: *ethglycol formalin alcohol*

\_\_\_\_\_ -vial(s) Pres: *ethglycol formalin alcohol*

Col: ~~R. Higgins~~ and/or S. Reed

Date: 28 | AUG | 1990

Hab-1: sediment *animal plant*

Hab-2: Volcanic Rock, BRN sand, shell

Ackn: Harbor Branch Ocean Inst.  
Eastern Atlantic Expedition

Rmks: R/V Sea Diver



Sta No: 28-VIII-90-3

Logged [☒]

RH No: 2732

Acc No: 39 259 B

ANW ANE ASW ASE INW INE ISW ISC ISE  
MED PNW PNE PSW PSE

Loc-0: N.A.

Loc-1: Canary Islands

Loc-2: Canary Islands

Loc-3: Tenerife

Loc-4: Sand slope, W. coast N.  
2 San Juan

Lat: 28° 10' 48" N Long: 0 16° 44' 00" W

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: marine estuarine Depth (m): 40

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: / -30 ml Pres: ethglycol formalin alcohol

\_\_\_\_\_ -60 ml Pres: ethglycol formalin alcohol

\_\_\_\_\_ -vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and/or S. Reed

Date: 28 | AUG | 1990

Hab-1: sediment animal plant

Hab-2: BRN coarse + fine sand

Ackn: \_\_\_\_\_

Rmks: \_\_\_\_\_

Sta No: 11-18-90-7-1

Logged [☒]

RH No: 2733

Acc No: 392598

ANW ANE ASW ASE INW INE ISW ISC ISE  
MED PNW PNE PSW PSE

Loc-0: North Atlantic Ocean

Loc-1: Cape Verde

Loc-2: \_\_\_\_\_

Loc-3: Sao Vicente

Loc-4: W. coast, off Pt., 1 NMI  
N. of Ponta Machado

Lat: 16° 51' 07" N Long: 025° 05' 30" W

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: marine estuarine Depth (m): 50

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: \_\_\_\_\_ -30 ml Pres: ethglycol formalin alcohol

\_\_\_\_\_ -60 ml Pres: ethglycol formalin alcohol

\_\_\_\_\_ -vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and/or S. Reed

Date: 11 | SEP | 1990

Hab-1: sediment animal plant

Hab-2: coarse calcareous sand

Ackn: Harbor Branch Ocean Inst  
Eastern Atlantic Expedition  
R/V Sea Biver

Rmks: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Sta No: \_\_\_\_\_

Logged [☒]

RH No: 2734

Acc No: 385.054

ANW ANE **ASW** ASE INW INE ISW ISC ISE  
MED PNW PNE PSW PSE

Loc-0: \_\_\_\_\_

Loc-1: Brazil

Loc-2: Rio de Janeiro

Loc-3: Rio de Janeiro, Praia Vermelha

Loc-4: \_\_\_\_\_

Lat: \_\_\_\_° \_\_\_\_' \_\_\_\_" Long: \_\_\_\_° \_\_\_\_' \_\_\_\_"

Gear: *meiodredge grab box-corer corer other*

Zone-1: *subtidal intertidal* Horiz (cm): \_\_\_\_\_

Zone-2: *marine estuarine* Depth (m): \_\_\_\_\_

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: *formalin alcohol*

Proc: *bubble decant fw-shock narc unprocessed*

Lots: \_\_\_\_\_ -30 ml Pres: *ethglycol formalin alcohol*

23 \_\_\_\_\_ -60 ml Pres: *ethglycol formalin alcohol*

slides \_\_\_\_\_ -vial(s) Pres: *ethglycol formalin alcohol*

Col: ~~R. Higgins~~ and/or V. M. A. P. da Silva

Date: 10 JUL 1984

Hab-1: *sediment animal plant*

Hab-2: \_\_\_\_\_

Ackn: P. Grohmann, J. Reid

Rmks: specimens collected <sup>from transect</sup> on  
various dates ~~between~~ during  
~~January~~ and December 1984

Sta No: 910410.1

Logged ☒

RH No: 2735

Acc No: 394147

ANW ANE ASW ASE INW INE ISW ISC ISE

MED PNW PNE PSW PSE

Loc-0: NAO, Mediterranean Sea

Loc-1: France

Loc-2: GOLF of LION

Loc-3: Bangul Sea Mar.

Loc-4: ~ 20km E of Bangul  
France

Lat: 42° 38' 20" N Long: 003° 20' 35" W

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: marine estuarine Depth (m): 95

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1 -30 ml Pres: ethglycol formalin alcohol

1 -60 ml Pres: ethglycol formalin alcohol

\_\_\_\_\_-vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and/or V. Storch

Date: 10 | APR | 1991

Hab-1: sediment animal plant

Hab-2: coarse sand

Ackn: \_\_\_\_\_

Rmks: \_\_\_\_\_



Sta No: 910410.2

Logged [☒]

RH No: 2736

Acc No: 394147

ANW ANE ASW ASE INW INE ISW ISC ISE

MED PNW PNE PSW PSE

Loc-0: NAD, Mediterranean Sea

Loc-1: France

Loc-2: \_\_\_\_\_

Loc-3: Banguls Sur Mer, Gulf of Lion

Loc-4: ~ 25 km E of Banguls

Lat: 42° 37' 45" N Long: 003° 28' 45" W

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: marine estuarine Depth (m): 105

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: 1 -30 ml Pres: ethglycol formalin alcohol

1 -60 ml Pres: ethglycol formalin alcohol

1 -vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and/or \_\_\_\_\_

Date: \_\_\_\_ | \_\_\_\_ | 19 \_\_\_\_

Hab-1: sediment animal plant

Hab-2: muddy sand

Ackn: \_\_\_\_\_

Rmks: see over

910410.3

~ 3 m' E

coarse sand  
w/ Amphioxus

2 - 60 ml

1 - vial

---

910417.1

Harbor in front of  
Laboratoire Arago

~ 0.5 m

---

washings from algae  
Cystocya

(sieved)

coll: R.P.H. + V.S.



Sta No: 910410.3

Logged [☒]

RH No: 2737

Acc No: 394147

ANW ANE ASW ASE INW INE ISW ISC ISE

MED PNW PNE PSW PSE

Loc-0: NAD, Mediterranean Sea

Loc-1: FRANCE

Loc-2: \_\_\_\_\_

Loc-3: Banyuls sur Mer, Gulf of Lion

Loc-4: ~ 3mi E of Banyuls, France

Lat: \_\_\_\_° \_\_\_\_' \_\_\_\_" Long: \_\_\_\_° \_\_\_\_' \_\_\_\_"

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: marine estuarine Depth (m): \_\_\_\_\_

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: \_\_\_\_\_-30 ml Pres: ethglycol formalin alcohol

2-60 ml Pres: ethglycol formalin alcohol

1-vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and/or \_\_\_\_\_

Date: 10 | APR | 1991

Hab-1: sediment animal plant

Hab-2: coarse sand w/ amphipods

Ackn: \_\_\_\_\_

Rmks: \_\_\_\_\_

Sta No: 910408.1

Logged ☒

RH No: 2734

Acc No: 394147

ANW ANE ASW ASE INW INE ISW ISC ISE

MED PNW PNE PSW PSE

Loc-0: North Atlantic Ocean, Med. Sea

Loc-1: France

Loc-2: Gulf of Lion

Loc-3: Banyuls sur mer

Loc-4: ~5 km E of Banyuls France

Lat: 42° 30' 00" N Long: 003° 12' 00" W

Gear: meiodredge grab box-corer corer other

Zone-1: subtidal intertidal Horiz (cm): \_\_\_\_\_

Zone-2: marine estuarine Depth (m): 85

S (ppt): \_\_\_\_\_ T (C): \_\_\_\_\_ Fix: formalin alcohol

Proc: bubble decant fw-shock narc unprocessed

Lots: \_\_\_\_\_ -30 ml Pres: ethglycol formalin alcohol

\_\_\_\_\_ -60 ml Pres: ethglycol formalin alcohol

1 -vial(s) Pres: ethglycol formalin alcohol

Col: R. Higgins and ~~for~~ V. Storch

Date: 10 | APR | 1991

Hab-1: sediment animal plant

Hab-2: muddy sand

Ackn: Laboratoire Arago, Banyuls-sur-mer  
France

Rmks: \_\_\_\_\_